

Abstract

An earthquake-resistant rack for electrical equipment including a base having access apertures for receiving wires and cable therethrough and mounting apertures for securing the base to a floor upon which the rack is mounted. The rack also includes a pair of vertically extending upright members have lower ends secured to opposite sides of the base, and each upright member has a web, opposing first and second flanges projecting from the web, and openings for mounting electrical equipment thereon, and a cross member extends between upper ends of the upright members. Moreover, the base includes a bottom plate, side channels extending at an angle between the bottom plate and the webs of the upright members, and a central channel extending horizontally between the side channels. The channels provide additional strength and stiffness to the rack, without adding substantial weight to the rack.